


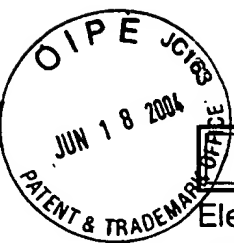


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Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 62850
Application ID: 09539966 
Title of Invention: DATA STORAGE SYSYEM HAVING
SEPARATE DATA TRANSFER
SECTION AND MESSAGE
NETWORK WITH PLURAL
DIRECTORS AND COMMION
PRINTED CIRCUIT BOARDS
First Named Inventor: Stephen MacArthur
Domestic/Foreign Application: Domestic Application
Filing Date: 2000-03-31
Effective Receipt Date: 2004-06-18
Submission Type: Information Disclosure
Statement
Filing Type:
Confirmation number: 2142
Attorney Docket Number: EMC2-044PUS
Total Fees Authorized: 180.0
Payment Category: Deposit Account
Deposit Account Number: 50889
Deposit Account Name: Richard M Sharkansky
Access Code: ****
RAM Payment Status: RAM success
RAM User ID: EFSPROD
RAM Accounting Date: 2004-06-18
RAM Sequence Number: 23


Digital Certificate Holder: cn=Richard M. Sharkansky,ou=Registered Attorneys,ou=Patent and
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: 8de13a4a3b4d76aa10da18ff6819db8cd32f277d



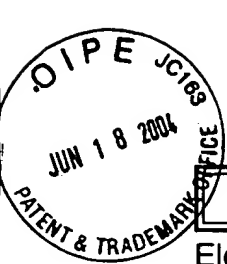
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Electronic Version v1.1

Stylesheet Version v1.1.0

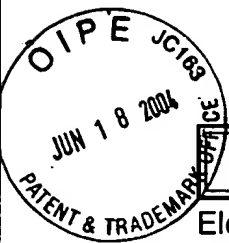
Title of Invention	DATA STORAGE SYSYEM HAVING SEPARATE DATA TRANSFER SECTION AND MESSAGE NETWORK WITH PLURAL DIRECTORS AND COMMION PRINTED CIRCUIT BOARDS															
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<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>																
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Richard M Sharkansky Registered Number: 25800</td><td>/rms/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Richard M Sharkansky Registered Number: 25800	/rms/	Attorney								
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<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-fee-sheet</td><td>EMC2-044PUS.1-usfees.xml</td></tr><tr><td></td><td>us-fee-sheet.xml</td></tr><tr><td></td><td>us-fee-sheet.dtd</td></tr><tr><td>us-ids</td><td>EMC2-044PUS.1-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xml</td></tr></table>			Documents being submitted	Files	us-fee-sheet	EMC2-044PUS.1-usfees.xml		us-fee-sheet.xml		us-fee-sheet.dtd	us-ids	EMC2-044PUS.1-usidst.xml		us-ids.dtd		us-ids.xml
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	us-fee-sheet.dtd															
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Comments

**FEE TRANSMITTAL**

Electronic Version v08
Stylesheet Version v08.0


Title of Invention	DATA STORAGE SYSYEM HAVING SEPARATE DATA TRANSFER SECTION AND MESSAGE NETWORK WITH PLURAL DIRECTORS AND COMMION PRINTED CIRCUIT BOARDS										
Application Number: 09/539966 											
Date: 2000-03-31											
First Named Applicant: Stephen MacArthur											
Attorney Docket Number: EMC2-044PUS											
Art Unit: 2182											
Examiner: Mike Nguyen											
TOTAL FEE AUTHORIZED \$180											
Patent fees are subject to annual revisions on or about October 1st of each year.											
BASIC FILING FEE											
<table border="1"><thead><tr><th>Fee Description</th><th>Fee Code</th><th>Amount \$</th><th>Fee Paid \$</th></tr></thead><tbody><tr><td>Submission Of Information Disclosure Stmt Fee</td><td>1806</td><td>180</td><td>180</td></tr></tbody></table>				Fee Description	Fee Code	Amount \$	Fee Paid \$	Submission Of Information Disclosure Stmt Fee	1806	180	180
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Submission Of Information Disclosure Stmt Fee	1806	180	180								
AUTHORIZED BILLING INFORMATION The commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit account number: 050889 Access Code **** Deposit name: EMC Corporation Deposit authorized name: Richard M Sharkansky Signature: /rms/ Date (YYYYMMDD): 2004-06-18											



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	DATA STORAGE SYSYEM HAVING SEPARATE DATA TRANSFER SECTION AND MESSAGE NETWORK WITH PLURAL DIRECTORS AND COMMION PRINTED CIRCUIT BOARDS																				
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